



Henan Silk Road Abrasives & Tools

Corn Cob Abrasives

Silk Road Abrasives' Corn Cob Grit is a free-flowing and environmentally friendly abrasive made from hardened corn kernels. It's a completely natural and eco-friendly product, serving as a renewable biomass resource. When used as a tumbling media, it can simultaneously absorb oils and dirt from dry parts without affecting their surface. Corn Cob Grit serves as a safe blasting media and is suitable for delicate parts blasting.

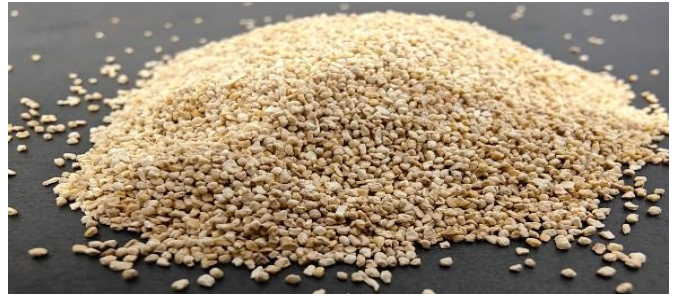
Benefits of Using Corn Cob Blasting/Polishing Media:

Cost-Effectiveness: Corn cob is a relatively inexpensive abrasive media that can be reused, leading to substantial long-term cost savings.

Environmentally Friendly: Our corn cob particles are derived from natural corn cobs, making them biodegradable, non-toxic, and silica-free, aiding your company's compliance with today's stringent environmental regulations.

Safety: Corn cob blasting and polishing processes are non-toxic, producing no dust or pollutants, contributing to a safer environment for your employees.

Efficiency: Corn cob abrasive blasting offers a more efficient dry finishing process. You can avoid the extra time-consuming steps associated with wet blasting.



Usage

Corn Cob Grit finds extensive applications across various industries, including but not limited to:

- Jewelry polishing.
- Abrasives in cosmetics, such as exfoliating scrubs, and other beauty products. Silica-free soft blasting for cleaning carbon, oil, and corrosive residues from cylinders, pistons, and other engine components.
- These applications showcase the versatility and effectiveness of Corn Cob Grit as an eco-friendly and efficient abrasive solution.

Physical properties

Material:	Corn cob
Color	Yellow brown
Shape:	Grit
Hardness:	Mohs 2.0-3.2
Bulk density:	depending on grain size

Typical chemical analysis

Carbon	44%
Hydrogen	7%
Oxygen	47%
Nitrogen	0.4%

Available grain sizes (Average grain size)

Abrasive Grain Sizes:	6#, 8#, 10#, 14#, 16#, 18#, 20#
Grades Available: These are US Standard Mesh sizes:	6/8 mesh, 8/14 mesh, 10/14 mesh, 14/20 mesh, 20/40 mesh, 40/60 mesh, 40/80 mesh, 40 mesh & finer, 80 mesh & finer, -50 + 100 mesh, and -100

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